

III. REMARKS

In the Office Action, claims 8, 9, 12 and 16 were rejected under 35 U.S.C. 103 as being unpatentable over Dent (US 5724666) in view of Saito (US 5914947) for reasons set forth in the Action. Claim 13 was rejected under 35 U.S.C. 103 as being unpatentable over Dent in view of Saito and Wan (US 6680920) for reasons set forth in the Action.

Claims 2-7 and 15 have been allowed, and claims 10, 11 and 14 were said to have allowable subject matter.

Claim 8 is amended to emphasize the aspect of the present invention wherein the reception channels for incoming signals direct the signals to the diversity receiver, but when a signal measurement is to be made by measuring the signal received via one of the reception channels, that signal is redirected away from the diversity receiver to a measurement circuit. This finds support in the present specification on page 4 at lines 6-8, wherein a switch for altering the signal path is shown at 15 in Fig. 1a. Such channel switching is not disclosed in Dent. Accordingly, this amendment is believed to overcome the rejection based on Dent in combination with Saito. This does not raise a new issue because the previous wording of claim 8 mentioned the diversity receiver and the plural reception branches.

With respect to the utilization of Saito in the rejections of various ones of the claims, the examiner notes (page 3 at line 4 of the Action) that Dent does not teach the correlator branches, but that Saito discloses correlators in Fig. 6 at elements (84o-84n). This alleged teaching of Saito is traversed respectfully for the following reason. In Column 8, at lines 14-30, and with

reference to Fig. 6, Saito teaches a RAKE receiver having a matched filter in a preceding stage of the receiver, and further comprising (line 22) a tapped transversal filter formed of a delay line 83 that is tapped at 84o to 84n with weighting coefficients to output signals to an adder 85.

The elements 84o-84n, referred to by the examiner as being correlator branches, in fact, are taps of a delay line wherein signals are accessed to be weighted and then summed together by the adder. This is a well-known form of transversal filter. The transverse signal branches cannot be understood to be suggestive of correlator branches. It is requested that the examiner withdraw the Saito reference as a basis for allegedly showing an array of correlator branches.

In view of the foregoing observation that Saito does not show an array of correlator branches, it is believed that this argument and amendment have overcome the rejections of claim 8 and its dependent claims 9, 12 and 13.

With respect to the rejection of claim 16 on the basis of the combined teachings of Dent and Saito, it is noted that claim 16, at lines 4-5 discloses reception branches, a RAKE receiver, and correlator branches. Claim 16 is amended to emphasize the function of the correlator branches for combining the signals of the reception channels, as is taught in present Figs. 1a and 1b with the accompanying text on pages 5 and 6 of the present specification. Since claim 16 now emphatically recites the function of the correlator branches, in addition to the disclosure of the correlator branches, it is believed that the examiner must consider the correlator branches. Since Saito does not show these correlator branches, it is urged that the

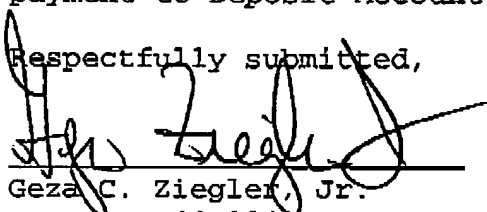
argument and amendment of claim 16 have overcome the grounds of rejection.

With respect to the rejections under 35 U.S.C. 103, the amendment and argument herein are believed to distinguish the claimed subject matter from the teachings of the cited art, thereby to overcome the rejections, and to show the presence of allowable subject matter in the claims.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

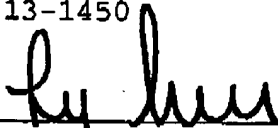

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Date: 30 Jan 2006 Signature: 

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